

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**  
(Includes Reference to PCT International Applications)ATTORNEY DOCKET NUMBER  
05569-1016

As a below named inventor, I (we) hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

COMMUNICATIONS NETWORK CONNECTION SYSTEM AND METHOD

the specification of which (check only one item below):

☒ is attached hereto.☐ was filed as United States application

Serial No. \_\_\_\_\_

on \_\_\_\_\_

and was amended

on \_\_\_\_\_ (if applicable)

☐ was filed as PCT international application

Number \_\_\_\_\_

on \_\_\_\_\_

and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 or §356 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Peter Van Horne, et al.  
SERIAL NO.: 09/289,199  
FILING DATE: April 9, 1999  
TITLE: COMMUNICATIONS NETWORK CONNECTION SYSTEM  
AND METHOD  
EXAMINER:  
ART UNIT:

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**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as First Class  
Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date  
printed below:

Date: 1/18/01Name: Diane Morse

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COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**REVOCATION OF ATTORNEY AND POWER OF ATTORNEY**

The undersigned, having authority to act on behalf of Cisco Systems, Inc., assignee of all right, title, and interest in the above-identified patent application, hereby revokes all powers of attorney previously given and hereby appoints David B. Ritchie, Registration No. 31,562; Marc S. Hanish, Registration No. 42,626; John P. Schaub, Registration No. 42,125; Gerhard W. Thielman, Registration No. 43,186; Adrienne Yeung, Registration No. 44,000; and Steven J. Robbins, Registration No. 40,299, as its attorneys to act on applicant's behalf before the United States Patent and Trademark Office for the above-

identified application and to transact all business in the Patent and Trademark Office in connection therewith.

Please mail all correspondence to David B. Ritchie at the following address:

Thelen Reid & Priest LLP  
P.O. Box 640640  
San Jose, CA 95164-0640

and direct all telephone calls to David B. Ritchie at (408) 282-1856.

Respectfully submitted,

Dated: 1/17/01



Robert Barr  
Worldwide Patent Counsel

## CERTIFICATE UNDER 37 CFR § 3.73(b)

Applicant: Cisco Systems, Inc.

Application No.: 09/289,199 Filed: April 9, 1999

For: Communications Network Connection System and Method

Cisco Systems, Inc. a California Corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: CAIS, Inc. To: Cisco Systems, Inc., a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded at the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_,  
or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded at the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_,  
or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the parent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: January 17, 2001

Name: Robert Barr, Worldwide Patent Counsel, Cisco Systems, Inc.

Signature: \_\_\_\_\_

ASSIGNMENT - UNITED STATES AND FOREIGN PATENT RIGHTS

WHEREAS, CAIS SOFTWARE SOLUTIONS, INC. (hereinafter Assignor), is a California corporation which changed its name from ATCOM, INC., and is located and doing business at 6195 Lusk Boulevard, San Diego, California 92121, is the owner of the patent properties set forth in Schedule A; and

WHEREAS, CAIS, INC. (hereinafter Assignee), a Virginia corporation, located and doing business at 1255 22<sup>nd</sup> Street, N.W., 4<sup>th</sup> Floor, Washington, D.C. 20037, is desirous of acquiring the complete title and interest in said patent properties set forth in Schedule A (Patent Properties);

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto said Assignee, its successors, legal representatives, heirs and assigns the entire right, title and interest in the United States and all countries foreign to the United States to said Patent Properties set forth in Schedule A including the right to claim priority, the eventual Letters Patents, and all reissues, or extensions of said Letters Patents to be held and enjoyed by said Assignee for its own use, or for its legal representatives, successors, heirs, and assigns to the full end of the term for which said Letters Patents are granted, and any extensions thereof, as fully and entirely as the same would have been held by said Assignor had this assignment and sale not been made, and for the same consideration, said Assignor hereby covenants and agrees that at the time of execution and delivery of this instrument it is the lawful owner of the full right, title and interest in and to said inventions and said Patent Properties above mentioned, its interest is unencumbered and that it has good and full right and lawful authority to sell and convey its interest in the manner set forth herein; and for the same consideration Assignor hereby covenants and agrees that it will, when ever counsel for Assignee, or counsel for its legal successors, legal representatives, heirs or assigns shall advise that any proceedings in connection with said Patent Properties or reissues or extensions of said Letters Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, make all lawful oaths, and do all acts necessary as required to be done for the procurement, maintenance, enforcement and defense of said Patent

Properties without charge to said Assignors, its successors, legal representatives, heirs and assigns, but at the expense of said Assignee, its successors, legal representatives, heirs and assigns.

Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

Assignor hereby grants the law firm of Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable.

Enclosure: Schedule A

Signed this 26<sup>th</sup> day of June, 2000

Witnesses:

(1) Wm. Caldwell

(2) Pat Steckler

CAIS SOFTWARE SOLUTIONS, INC.

By: Ulysses G. Auger, II  
Chief Executive Officer

## SCHEDULE A

Country	Serial/Patent No.	Filing/Issue Date	Status
United States	D 380,457	07/01/97	Patented
United States	D 380,739	07/08/97	Patented
United States	D 384,832	10/14/97	Patented
United States	D 404,025	01/12/99	Patented
United States	5,987,498	11/16/99	Patented
United States	09/406,168	09/23/99	Pending
United States	5,987,430	11/16/99	Patented
United States	09/033,443	03/02/98	Pending
United States	09/288,880	04/09/99	Pending
United States	09/289,199	04/09/99	Pending
United States	09/057,028	04/08/98	Pending
Australia	81950/98	08/27/98	Pending
Canada	2,246,410	08/27/98	Pending
Europe	98306917.0	08/28/98	Pending
Japan	10-244153	08/28/98	Pending
South Korea	98-35293	08/28/98	Pending



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**ASSIGNMENT**  
United States and Foreign Patent Rights

WHEREAS, CAIS, INC. (hereinafter Assignor), is a Virginia corporation and is located and doing business at 1255 22<sup>nd</sup> St., N.W., 4<sup>th</sup> Floor, Washington, D.C. 20037, is the owner of the patent properties set forth in Schedule A; and

WHEREAS, CISCO SYSTEMS, INC. (hereinafter Assignee), a California corporation, located and doing business at 170 West Tasman Drive, San Jose, California 95134, is desirous of acquiring the complete title and interest in said patent properties set forth in Schedule A (Patent Properties);

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents does, as of December 4, 2000, sell, assign and transfer unto said Assignee, its successors, legal representatives, heirs and assigns the entire right, title and interest in the United States and all countries foreign to the United States to said Patent Properties set forth in Schedule A including the right to claim priority therefrom, the eventual Letters Patents, and all continuations, divisions, continuations-in-part, reexaminations, substitutions, foreign counterparts, reissues, or extensions of said Letters Patents to be held and enjoyed by said Assignee for its own use, or for its legal representatives, successors, heirs, and assigns to the full end of the term for which said Letters Patents are granted, and any extensions thereof, as fully and entirely as the same would have been held by said Assignor had this assignment and sale not been made, and for the same consideration, said Assignor hereby covenants and agrees that at the time of execution and delivery of this instrument it is the lawful owner of the full right, title and interest in and to said inventions and said Patent Properties above mentioned, its interest is unencumbered and that it has good and full right and lawful authority to sell and convey its interest in the manner set forth herein; and for the same

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consideration Assignor hereby covenants and agrees that it will, when ever counsel for Assignee, or counsel for its legal successors, legal representatives, heirs or assigns shall advise that any proceedings in connection with said Patent Properties or reissues or extensions of said Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, make all lawful oaths, and do all acts necessary as required to be done for the procurement, maintenance, enforcement and defense of said Patent Properties without charge to said Assignors, its successors, legal representatives, heirs and assigns, but at the expense of said Assignee, its successors, legal representatives, heirs and assigns.

Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

Assignor hereby grants the law firm of Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable.

Enclosure: Schedule A

Signed this 30<sup>th</sup> day of November, 2000.

CAIS, INC.

By 

Michael G. Plantamura  
Vice President

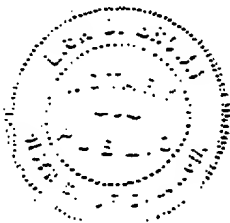
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District of Columbia ) ss:

On this 28<sup>th</sup> day of November, 2000, before me the undersigned Notary,  
personally appeared Michael G. Plantamura, acknowledged to be the person whose name is  
subscribed to the Assignment and that he executed the same for the purpose therein set forth.



Notary Public

My Commission expires:

My Commission Expires  
August 14, 2005

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SCHEDULE A

Country	Serial/Patent No.	Filing/Issue Date	Status
United States	5,987,430	11/16/1999	Patented
United States	6,128,601	10/3/00	Patented
United States	09/288,880	4/9/99	Pending
United States	09/289,199	4/9/99	Pending
United States	09/057,028	4/8/98	Pending
Australia	81950/98	8/27/98	Pending
Canada	2,246,410	8/27/98	Pending
Europe	98306917.0	8/28/98	Pending
Japan	10-244153	8/28/98	Pending
South Korea	98-35293	2/28/98	Pending

\*\* TOTAL PAGE.05 \*\*